

Safety Data Sheet

1. IDENTIFICATION OF THE MIXTURE AND SUPPLIER

GHS Product Identifier:

Recommended use and restrictions:

Supplier Details:

Emergency Phone Number

BioPucks (no dye, citrus fragrance)
 Slow dissolve solid containing naturally occurring bacterial cultures used to digest waste and reduce malodors.
 Earth Bio Technologies
 50 Rices Mill Rd
 Glenside, PA 19038
 Ph: 888-855-1925
 Fax: 215-887-2503
 Chemtrec: 800-424-9300

2. HAZARDS IDENTIFICATION

Physical hazards:	Not classified
Health Hazards:	Skin corrosion/irritation: CATEGORY 2 Serious eye damage/eye irritation: CATEGORY 2
LABEL ELEMENTS:	
Signal Word:	WARNING
Symbols:	EXCLAMATION MARK
Hazard Statements:	Causes skin irritation. Causes serious eye irritation.
PRECAUTIONARY STATEMENTS:	
Prevention:	Do not breathe dust. Wash thoroughly after handling. To not eat drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
Response:	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled. Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Take off contaminated clothing and wash before reuse.
Storage:	Store locked up.

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients	Concentration Range (%)	CAS number
Sodium sulphate	>50-<100	7757-82-6
Amides, coco, N-(hydroxyethyl)	>2.5-<10	68140-00-1

Other ingredients are non-hazardous with regard to OSHA/GHS guidelines.

4. FIRST AID MEASURES

Eye Contact:	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center if symptoms persist.
Skin Contact:	If the product contacts the skin, rinse skin with soap and water. Consult a physician if symptoms persist.

BioPuck, 2", citrus

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion:	Rinse mouth. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content does not enter lungs. Immediately call a poison center/doctor.
Most important symptoms/effects, acute and delayed:	Irritant to skin and mucous membranes. Irritant to eyes. Nausea in case of ingestion. Gastric or intestinal disorders when ingested.
Indication of immediate medical attention and special treatment needed:	No further relevant information available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

In case of fire, use appropriate extinguishing agent for surrounding fires. Carbon dioxide, dry chemical powder, alcohol resistant foam.

UNSUITABLE EXTINGUISHING MEDIA

None.

SPECIAL FIRE FIGHTING PROCEDURES

Wear self-contained respirator and fully protective impervious suit. Use water spray to cool UNOPENED containers.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

May emit hazardous fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS AND SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Product forms slippery surface when combined with water. Wear protective equipment. Keep unprotected people away.

ENVIRONMENTAL PRECAUTIONS:

Avoid release into the environment at levels above recommended dosage rates. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains at levels above recommended dosage rates.

CONTAINMENT AND CLEAN-UP MEASURES:

Pick up manually. Dispose contaminated material as waste according to item 13. Send for recovery or disposal in suitable receptacles.

PROTECTIVE ACTION CRITERIA FOR CHEMICALS:

PAC-1 :		
7757-82-6	Sodium sulfate	9.8 mg/m ³
PAC-2:		
7757-82-6	Sodium sulfate	110 mg/m ³
PAC-3:		
7757-82-6	Sodium sulfate	650 mg/m ³

7. HANDLING AND STORAGE

HANDLING:

Use only in well ventilated areas. Store in cool, dry place in tightly closed receptacles. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

STORAGE

Store in original container. Store in a well-ventilated place. Store away from foodstuffs.

BioPuck, 2", citrus
STORAGE TEMPERATURE:
 15 – 30°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:

7757-82-6 sodium sulfate	
TLV (USA)	Short term value: NIC-0.2 mg/m ³ Thoracic fraction of aerosol

BIOLOGICAL LIMIT VALUES:

No biological exposure limits noted for the ingredient.

APPROPRIATE ENGINEERING CONTROLS:

Good general should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), Suitable respiratory protection must be worn. If material is ground, cut or used in any operation with may generate dusts, use appropriate local exhaust ventilation to keep exposures below th recommended exposure limits. Eye wash facilities and emergency shower must be available when handling this product.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:

Not required under normal conditions of use. For spills, respiratory protection may be advisable.

EYE PROTECTION:

Wear goggles, safety glasses or a face shield when using this product.

SKIN PROTECTION:

The glove material must be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of the quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

WORK & HYGIENIC PRACTICES:

The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Tan, waxy, solid material. "Hockey Puck" shape.
Odor:	Citrus
Odor threshold:	Not Available
pH:	Not Applicable.
Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	Not determined.
Flash point:	Not determined.
Evaporation rate:	Not Available.
Flammability (solid, gas):	Not Available.
Upper/lower flammability or explosive limits:	Not Available.
Vapor pressure:	Not Available.

BioPuck, 2", citrus

Vapor density:	Not Available.
Relative density:	Not Available.
Solubility(ies):	Dispersible
Partition coefficient: n-octanol/water:	Not Available.
Autoignition temperature:	Product is not self-igniting.
Decomposition temperature:	Not Available.

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperatures and pressures.

CONDITIONS TO AVOID

Contact with incompatible materials.

INCOMPATIBLE MATERIALS

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and carbon dioxide. Nitrogen oxides. Sulphur oxides.

11. TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT:

Irritating effect. Irritant to skin and mucous membranes.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED:

None Known.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Not available.

MAMMALIAN TOXICITY INFORMATION

Not available.

12. ECOLOGICAL INFORMATION

Toxicity:	Not Available
Persistence and degradability:	Not Available
Bioaccumulative potential:	Not Available
Bioconcentration factor (BCF):	Not Available
Mobility in soil:	Not Available
PBT and vPvB assessment:	Not Available
Other adverse effects:	Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS

Smaller quantities can be disposed of with household waste. The user of this material has the responsibility to dispose of unused material, residues, and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

BioPuck, 2", citrus

CONTAMINATED PACKAGING

Since emptied containers may retain product residue, follow label warnings even after container is emptied.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT: Not Regulated as dangerous goods.

IATA: Not Regulated as dangerous goods.

IMDG: Not Regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IPC Code: Not established.

15. REGULATORY INFORMATION

SARA:

Section 355 (extremely hazardous substances):	Not listed
Section 313 (specific toxic chemical listings):	Not listed
TSCA (Toxic Substances Control Act):	All ingredients listed.

PROP 65 (California):

Chemicals known to cause cancer:	None listed
Chemicals known to cause reproductive toxicity for females:	None listed
Chemicals known to cause reproductive toxicity for males:	None listed
Chemicals known to cause developmental toxicity:	None listed

16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0

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This document is drafted based on the present state of our knowledge at the time of publication. It is given in good faith and neither implies nor expresses any warranty in regards to product quality or specification. The user must satisfy himself that the product is suitable for a given application.